

IN THE CLAIMS:

Please AMEND claim 20 and ADD new claims 22-23 follows.

1. (Previously Presented) An apparatus comprising:

a user identification module for user equipment for use in an access network,

wherein said module is configured to enable a plurality of access network applications to run, wherein the module is configured to enable a core network application to run, and wherein the module is configured to enable said core network application to run in parallel with at least one of the plurality of access network applications; and

wherein the user identification module is configured to generate authentication data for a core network and the access network, wherein the authentication data for said core network and the access network is dependent on a common data set, wherein the common data set comprises at least one shared key between the access network and the access network application or the core network application, and wherein the shared key is configured to generate one or more required keys.

2. (Previously Presented) An apparatus as claimed in claim 1, wherein said plurality of access network applications run in parallel.

3-4. (Cancelled)

5. (Previously Presented) An apparatus as claimed in claim 1, wherein said common data set comprises data for use in encryption.

6. (Cancelled)

7. (Previously Presented) An apparatus as claimed in claim 1, wherein said access network comprises at least one of:

a code division multiple access network;

a universal mobile telecommunications system network;

a wireless local area network;

a global system for mobile communications network;

a digital advanced mobile phone system network;

an advanced mobile phone system network,

a wideband code division multiple access network.

8. (Previously Presented) An apparatus as claimed in claim 1, wherein said core network application is an internet protocol multimedia service.

9. (Previously Presented) An apparatus as claimed in claim 1, said apparatus comprising a universal integrated circuit card .

10. (Previously Presented) A system comprising
a plurality of access networks;
at least one user equipment configured to be used in at least one of said access
networks; and
a user identification module configured to be used in the at least one user
equipment,
wherein said module is configured to enable a plurality of access network
applications and at least one core network application to run, wherein said core network
application runs in parallel with at least one of the plurality of access network applications, and
wherein the user identification module is further configured to generate authentication
data for the core network and the access network, wherein the authentication data for said core
network and the access network is dependent on a common data set that comprises at least one
shared key between the access network and the access network application or the core network
application, and wherein the shared key is configured to generate at least one required session
key.

11. (Previously Presented) A system as claimed in claim 10, wherein said
plurality of access network applications run in parallel.

12-13. (Cancelled)

14. (Previously Presented) A system as claimed in claim 10, wherein said common data set comprises data for use in encryption.

15. (Cancelled)

16. (Previously Presented) A system as claimed in claims 10, wherein said access network comprises at least one of:

- a code division multiple access network;
- a universal mobile telecommunications system network;
- a wireless local area network;
- a global system for mobile communications network;
- a digital advanced mobile phone system network;
- an advanced mobile phone system network,
- a wideband code division multiple access network.

17. (Previously Presented) A system as claimed in claim 10, wherein said core network application is an internet protocol multimedia service.

18. (Previously Presented) A system as claimed in claim 10, said module comprising a universal integrated circuit card.

19. (Previously Presented) A method, comprising:

enabling a plurality of access network applications to run;

enabling at least one core network application to run, wherein said core network application runs in parallel with at least one of the plurality of access network applications; and

generating authentication data for a core network and an access network, the authentication data for said core network,

wherein the authentication data for said core network and the access network is configured to be dependent on a common data set, the common data set is configured to comprise at least one shared key between the access network and the access network application or the core network application, and the shared key is configured to generate a required session key or keys.

20. (Currently Amended) A method as claimed in claim 19, wherein said ~~step of enabling a~~of the plurality of access network applications to run comprises;

enabling a first access network application to run,

enabling a second access network application to run,

wherein said first and second access network applications are enabled to run in parallel.

21. (Cancelled)

22. (New) A computer readable medium having computer-executable components for implementing a method, the method comprising:

enabling a plurality of access network applications to run;

enabling at least one core network application to run, wherein said core network application runs in parallel with at least one of the plurality of access network applications; and

generating authentication data for a core network and an access network, the authentication data for said core network,

wherein the authentication data for said core network and the access network is configured to be dependent on a common data set, the common data set is configured to comprise at least one shared key between the access network and the access network application or the core network application, and the shared key is configured to generate a required session key or keys.

23. (New) The computer readable medium of claim 22, wherein the enabling of a plurality of access network applications to run comprises:

enabling a first access network application to run,

enabling a second access network application to run,

wherein said first and second access network applications are enabled to run in parallel.